

# INDEX

Abietideae.....	283
Acer.....	130, 131, 132, 135, 137, 140, 141
californicum.....	133, 139
var. texanum.....	132, 133
cissifolium.....	141
griseum.....	142
Henryi.....	142
interior.....	132, 133, 134, 135
Kingii.....	132, 139
mandschuricum.....	141
mexicanum.....	140
Negundo.....	129, 130
var. latifolium.....	133
texanum.....	132, 137
nikoense.....	141
var. griseum.....	142
Pseudo-Plantanus and syn.....	100
sutchuense.....	141
triflorum.....	141
Achillaea Multiflora Hook in North Dakota.....	296
chelonica.....	298
lanulosa.....	297
Millefolium.....	297
Actaea arguta alabastrina.....	123
Actaea eburnea.....	124
neglecta.....	124
rubra.....	124
Actilis macularia.....	197
Addenda.....	127
Adiantum.....	269, 279
americanum.....	280
Capillus Veneris and syn.....	100
pedatum.....	280
Acgialitis vocifera.....	165, 166
Aesculus Hippo Castanum and syn.....	100
Hippocastanum.....	121
Agaloma.....	299
apocynifolia.....	300
arundelana.....	300
corrolata.....	299
Curtissi.....	300

discoidalis.....	300
eriogonoides.....	299
exserta.....	300
gracilis.....	299
Ipecacuanhae.....	300
Joorii.....	300
mercurialina.....	299
olivacea.....	300
paniculata.....	300
polyphylla.....	299
zinniflora.....	300
Agelaius phoeniceus.....	70
Agrostemma Coeli rosa and syn.....	101
Flos Jovis and syn.....	101
Agrostis spica venti and syn.....	101
Aira.....	280
Albino Hairy Phlox.....	265
Plants, Local.....	265
Albirsia.....	52
Alisma Plantago.....	98, 99
aquatica.....	98, 99, 101
Allionia decumbens assurgens.....	123
Allium Chamae Moly and syn.....	101
Allon.....	50
Alyssum.....	277
Amarantaceae.....	51, 52
Amarantus.....	51
Amarella acuta.....	143
Amarella Gurliae.....	142
plebeia.....	144
scopulorum.....	144
strictiflora.....	144
theiantha.....	143
Amaryllis Belladonna.....	120
Bella donna and syn.....	101, 120
Amonum Grana Paradisi and syn.....	102
Anchistea.....	278
virginica.....	278
Angiosperm.....	50
Angiopteris.....	275
sensibilis.....	275
Anodonta.....	65
Antennaria.....	81, 82
ambigens.....	85
aprica.....	288
aureola.....	285
calophylla.....	57, 90
campestris.....	74, 76, 79, 80, 81, 82
chelonica.....	126
erosa.....	74, 78, 79

- Holmii.....289  
 Antennaria in the Middle West.....73  
   longifolia.....74, 79  
   Lunellii.....74, 81, 82  
   mesochora.....75, 86, 87, 88, 89, 90  
   nebrascensis.....74, 80  
   neglecta.....74, 75, 76, 77, 78, 79, 80, 126  
   neodioica.....74, 75, 79  
   obovata.....288  
   occidentalis.....75, 86, 87, 88, 89, 90  
   oxyphylla.....288  
   parvula.....74, 81, 82  
   umbellata.....75, 82, 84, 85  
   Wilsonii.....74, 78  
 Anthyllis Barba jovis and syn.....102  
 Antrostomus vociferus.....197  
 Apocynaceae.....68  
 Apocynum viride.....117  
   calophyllum.....182  
   cardiophyllum.....181  
   foliis androsemi and syn.....102, 118, 119, 120  
   glaucum.....181  
 Arbutus Uva ursi and syn.....102, 118, 119, 120  
 Arkeuthos.....285  
 Artemisia caudata calvens.....188  
   tridentata.....195  
 Ascyrum Crux Andreae and syn.....102  
 Aspen, American Quaking.....32, 33  
   European Quaking.....24  
   Tree.....30  
 Aspidium.....258, 276, 277  
   cristatum.....278  
   intermedium.....278  
   spinulosum var. intermedium.....278  
   Thelypteris.....278  
 Asplenium.....99, 279  
   Adiantum nigrum and syn.....102, 117, 118, 217  
   acrostichoides.....279  
   ebeneum.....279  
   nigrum.....117  
   platyneuron.....279  
   Ruta muraria and syn.....99, 103, 117  
   thelypteroides.....279  
   Trichomanes dentatum and syn.....103, 118  
     ramosum and syn.....103, 117, 118  
   viride.....117  
 Aster durus.....143  
   laetevirens.....147, 148  
   lautus.....144  
   longifolius.....147, 187

Novae Angliae and syn.....	103
Novi Belgii and syn.....	103
macrophyllus.....	164
salicifolius.....	147, 148
Astragalus Chandonnetii.....	127
nitidus.....	128
sulphurescens.....	128
Athyrium Filix foemina.....	277
Atractylis (Cnicus) sylvestris.....	277
Atropa Bella donna and syn.....	103, 120
Azolla.....	181
caroliniana.....	281
Bellonius.....	44
Bentham.....	39, 44
Berberidaceae.....	68
Bignonia Unguis cati and syn.....	103
Bilderdyckia Convolvulus var. pumilio.....	288
Birds,.....	54
Non-Musical.....	196
Song.....	27, 69, 95, 165, 195
Migration of.....	167, 262, 303
Winter.....	24, 149, 260
Blackbird, Redwinged.....	56, 70, 168, 304
Blechnum virginicum.....	278
Bluebird.....	54, 56, 69, 150, 167, 168, 303
Bobwhite.....	25, 166, 304
Bobolink.....	168, 199, 304
Bombycilla cedrorum.....	199
Botrychium.....	273
dissectum.....	274
obliquum.....	274
ternatum.....	274
var. dissectum.....	274
intermedium.....	274
obliquum.....	274
virginianum.....	274
Box-elders.....	131, 135, 138
American.....	140
Real and So-Called.....	129
Brachyaetis angustus.....	149
Brogniart.....	43
Brown, Robert.....	39
Bruniera.....	306
columbiana.....	306
punctata.....	306
Bubani, Pietro.....	1, 9, 36, 37, 38, 39, 40, 41, 42, 43
Byssus Flos aquae and syn.....	103
Cactus Ficus indica and syn.....	103
Calhoun, Laura A.....	70
Calistachya.....	305, 306

<i>virginica</i> .....	305
Callistachys .....	305, 306
Callitriche .....	51
Calopogon pulchellus .....	165
Campanula Speculum Veneris and syn .....	104
Cardinal .....	56, 140, 166, 168
Cardinalis virginianus .....	166
Carduus Flodmannii .....	301
<i>megacephalus</i> .....	302
<i>nebrascensis</i> .....	301
Carex pseudo cyperus and syn .....	104
Caruel .....	39
Carpodacus purpureus .....	27
Cassandra calyculata .....	279
Cassini .....	39
Catalpa Catalpa .....	116
Catbird .....	69, 168, 193, 263, 304
Cedarbird .....	168, 199, 263, 305
Cedrus .....	45
Celosia .....	52
Cephalanthera .....	60
Cephalanthus .....	232
Cercis .....	29
Ceryle alcyon .....	197
Cesalpin, Andrew .....	43
Cetrach .....	279
Chaetochloa .....	62, 63
<i>glauca</i> .....	64
<i>italica</i> .....	63
<i>occidentalis</i> .....	64
<i>versicolor</i> .....	64
<i>verticillata</i> .....	64
<i>viridis</i> .....	63
Chaetura pelagica .....	197
Chamaeraphils .....	62, 63
<i>glauca</i> .....	64
<i>verticillata</i> .....	64
<i>viridis</i> .....	63
Chamaesyce .....	298
<i>polygonifolia</i> .....	179
Chasea .....	64
<i>amara</i> .....	64
<i>angustifolia</i> .....	64
<i>capillaris</i> .....	64
<i>clandestina</i> .....	64
<i>dichotoma</i> .....	64
<i>flexilis</i> .....	65
<i>prolifera</i> .....	64
<i>pubescens</i> .....	64
<i>violacea</i> .....	64

<i>virgata</i> .....	64
<i>Chenopodium Bonus Henricus</i> and syn.....	104
<i>Chicadee</i> .....	27, 96
<i>Chordeiles virginianus</i> .....	197
<i>Chrysocoma Coma aurea</i> and syn.....	104
<i>Chrysothamnus pumilus</i> .....	195
<i>Chulusium</i> .....	13
<i>Cichoraceae</i> .....	272
<i>Cichorium</i> .....	272
<i>Cirsiotheca universa</i> .....	301
<i>Cirsium arvense</i> .....	302
<i>var. horridum</i> .....	302
<i>Flodmannii</i> .....	301
<i>in North Dakota</i> .....	301
<i>megacephalum</i> .....	302
<i>muticum</i> .....	302
<i>nebrascense</i> .....	301, 302
<i>var. discissum</i> .....	301
<i>Cistineae</i> .....	68
<i>Cnicus altissimus var. filipendulus</i> .....	301
<i>undulatus</i> .....	301
<i>megacephalus</i> .....	302
<i>Coccyzus americanus</i> .....	199
<i>Code, Paris</i> .....	41
<i>Coix Lacryma Jobi</i> and syn.....	104
<i>Colaptes auratus</i> .....	198
<i>Collinsia verna</i> .....	135
<i>Colinus virginianus</i> .....	166
<i>Coniferae</i> .....	44, 283
<i>Corvus americanus</i> .....	199
<i>Cotyledon umbilicus Veneris</i> and syn.....	105, 118
<i>Cowbird</i> .....	55, 56, 96, 263, 304
<i>Cranberry</i> .....	165
<i>Crataegus Crus galli</i> and syn.....	105
<i>Crepis dakotana</i> .....	289
<i>denticulata</i> .....	290
<i>perplexa</i> .....	289
<i>riparia</i> .....	289
<i>runcinata</i> .....	289
<i>Crow</i> .....	25, 26, 54, 56, 149, 150, 193, 199, 261, 262
<i>Crula</i> .....	140
<i>cissifolia</i> .....	141
<i>grisea</i> .....	142
<i>Henryi</i> .....	142
<i>mandschurica</i> .....	141
<i>nikoensis</i> .....	141
<i>sutchuensis</i> .....	141
<i>arifolia</i> .....	141
<i>Cuckoo, Yellow-billed</i> .....	168, 199, 263, 305
<i>Cucurbita</i> .....	272

Cucurbitaceae.....	272
Cyclopteris fragilis.....	276
Cyonocitta cristata.....	28
Cypripedium acaule.....	165, 284
Additional Note on.....	94
candidum.....	165, 284
Reginae.....	165, 284
Cypressideae.....	285
Cystopteris.....	276
fragilis.....	117, 276
Filix fragilis.....	116, 118, 276
Daphnaceae.....	68
Daphne Tarton raira and syn.....	105
De Candolle.....	39
Dendroica aestiva.....	90
coronata.....	200
Dennstaedtia.....	276
punctilobula.....	276
Dianthus plumarius.....	179
Dichrophyllum.....	298
bicolor.....	300
marginatum.....	300
Dickcissel.....	168, 199, 303
Dicksonia.....	276
punctilobula.....	276
Dicotyledones.....	43
Diplazium thelypteroides.....	279
Dodocatheon.....	271
Dodonaeus.....	9
Dorsiferae.....	273
Dove, Mourning.....	55, 56, 166, 168, 304
Draba.....	61
Drosera.....	298, 299, 300
rotundifolia.....	165
Dryobates pubescens.....	200
Dryopteris.....	258, 277
Dryopteris acrostichoides.....	277
cristata.....	278
intermedia.....	278
spinulosa var. intermedia.....	278
Thelypteris.....	278
Drys.....	271
Dulichium.....	234
Dunal.....	36
Erigeron obscurus.....	256
pumilus.....	256
racemosus.....	258
strigosus.....	257
Erythronium.....	259, 260

Dens canis.....	106, 259
Euphorbia.....	298, 299, 300
apocynifolia.....	300
arundelana.....	300
Caput Medusae and syn.....	106
corollata.....	299
corollata var. Joorii.....	300
Curtisii.....	300
discoidalis.....	300
erigonoides.....	299
Ipecacuanhae.....	300
marginata.....	299, 300
mercurialina.....	299
officinarum.....	298, 299
olivacea.....	300
polygonifolia.....	179
polyphylla.....	299
Euthamia.....	60
camporum var. tricolorata.....	59
Euxolus.....	52
Editorial.....	70
Elymus Caput medusae and syn.....	105
Emersae.....	231, 234, 247
Endlicher.....	39, 44
Engler.....	59
Ephedra fragilis.....	381
Epiphyllaspermae.....	273
Epidendrum Flos aëris and syn.....	105
Epilobiaceae.....	68
Epipactis.....	60, 62
Equisetum.....	281
arvense.....	281
fluviatil.....	281
hiemale.....	281
laevigatum.....	281
limosum.....	281
variegatum.....	282
Erica pallido-purpurea and syn.....	106
Erica viride-purpurea and syn.....	106
Erigeron asper.....	253, 254, 256
asper(um).....	254
caespitosus.....	254
glabell(um).....	255
glabellus.....	253, 254, 255
multicolor.....	255
in North Dakota.....	253
Ferula.....	272
Assa foetida and syn.....	106, 120
Ferulaceae.....	272
Filices.....	273



Filicales.....	273
Filicacstrum.....	275
Filix.....	276, 277, 280
Filix fragilis.....	116, 118, 276
fragilis.....	117, 276
Finch, Purple.....	27, 54, 168, 303
Flags, Blue.....	266
Flicker.....	55, 56, 167, 168, 196, 198, 263, 303, 304
Flora Pyrenaea.....	9
Bubani's.....	36
Flora Suecia.....	10
Flycatcher, Crested.....	168, 198, 263, 304
Fontalis minor.....	9
Fontalis major longifolia.....	14
Fontalis Persicariae foliis.....	8
Fothergillia maior.....	187
Fragaria ovalis quinata.....	123
Fragaria platypetala quadrifolia.....	123
Gaillardia aristata foliacea.....	122
Galearia.....	305, 306
Galearis.....	305, 306
Galeorchis.....	305
Galliari, Beonardino.....	51, 52
Gentianaceae.....	68
Geothlypis trichas.....	28
Gilbert.....	6
Goldfinch.....	25, 28, 56, 150, 168, 193, 261, 264, 303
Gray, Asa.....	39, 44
Grackle, Purple.....	54, 55, 167, 168, 193, 199, 263, 303
Grantia.....	306
Grosbeaks, Cardinal.....	56, 149, 166, 168, 261, 303
Evening.....	149, 150
Rosebreasted.....	27, 168, 304
Gutierrezia, from Oregon, New.....	194
ionensis.....	194
Gymospermae.....	43, 283
Habits of our Birds, Bathing.....	193
Hartwrightianae.....	202, 206, 230, 231, 247
Hedysarum Caput galli and syn.....	106
Helianthus apricus.....	127
camporum.....	127
illinoensis.....	3
nitidus camporum.....	127
occidentalis.....	3
illinoensis.....	3
Hell Diver.....	55, 149, 168, 263, 303
Hemerocallis.....	259, 260
flava.....	119, 120

fulva.....	119
Liliastrum.....	260
Lilio Asphodelus and syn.....	106, 118, 119, 120, 259, 260
Hepatica Hepatica.....	116
Hibiscus Rosa sinensis and syn.....	106
Hieracium.....	91
Hirundo erythorogastra.....	200
Hippuris.....	281
Homer.....	45, 46
Hooker.....	41
Horkelia.....	306
Hyacinthus non scriptus and syn.....	106
Hydrocharis.....	259, 260
Morsus ranae and syn.....	107, 259
Hydrophilae.....	244, 247
Hylocichla guttata Pallasii.....	195
Hypericum kalmianum.....	164
Hypnum Crista castrensis and syn.....	107
Icterus spurius.....	95
Galbula.....	69
Impatiens Noli tangere and syn.....	98, 107
Indigo Bird.....	69, 168, 193, 263, 304
Inula Oculus Christi and syn.....	107
Ipomoea bona Nox and syn.....	107
Pes tigridis and syn.....	107
Iris versicolor.....	266
Ixophorus.....	60, 62, 63
glaucus.....	64
italicus.....	63
verticillatus.....	64
viridis.....	63
Jasminaceae.....	68
Jay, Blue.....	25, 26, 28, 54, 55, 149, 150, 193, 261, 262
Jordan, David Starr.....	70
Junco hyemalis.....	200
Juniperus.....	285
alpina.....	285
communis.....	285
var alpina.....	285
var canadensis.....	285
var depressa.....	285
var montana.....	285
var $\gamma$ .....	285
depressa.....	285
prostrata.....	285
sibirica.....	285
virginiana.....	285
vulgaris.....	285
var depressa.....	285

Killdeer .....	55, 56, 165, 167, 168, 263, 303
Kingbird .....	168, 198, 263, 304
Kingfisher .....	55, 56, 168, 194, 197, 263, 303, 304
Knotweeds .....	201
Kunth .....	39
Laciniaria angustata .....	177
Deamia .....	163
Deamii .....	169
from Florida .....	163
New .....	169
petiolata .....	177
scariosa .....	90, 94, 176
vars. ....	159, 170
forma borealis .....	171, 174, 176
gracillima .....	174, 176
versicolor .....	171, 174, 176
var angustata .....	92, 93, 162
basilaris .....	92, 93
borealis .....	264
brachiata .....	160, 161, 162, 173, 174
Chandonnetii .....	160, 161, 162, 173, 174
corymbulosa .....	158, 172, 174, 177
intermedia .....	173, 174, 177, 264
media .....	264
multiplex .....	92, 93, 162, 177
nictitans .....	160, 161, 171, 174
Nieuwlandii .....	171, 174, 176
Nieuwlandii septentrionalis .....	264
Novae-Angliae .....	172, 174, 176
obesa .....	160, 161, 162, 173, 174
opima .....	92, 93, 162, 170, 173, 174, 177
perusta .....	92, 93
petiolata .....	172, 174, 176
porrecta .....	160, 161, 162, 172, 174
praececellans .....	160, 171, 174
praeceps .....	92, 93
praesignis .....	171, 173, 175
praestans .....	92, 93, 161, 170
propinqua .....	160, 161, 162, 173, 174, 177
ramea .....	160, 161, 172, 174
salutans .....	171, 174, 176
scalaris .....	127, 170
strictissima .....	172, 174, 177
subcorymbulosa .....	158, 170
subcymosa .....	172, 174, 176
superans .....	171, 173, 177
supereminens .....	92, 93
superascandens .....	160, 171, 173
Laciniaria squarosa .....	177
Lady's Slipper, Stemless .....	94 95

Lampsilis.....	65
(Proptera) amphichoena.....	66
gracilis.....	66
leptodon.....	66
ovata.....	66
ligamentina.....	66, 67
recta.....	67
ventricosa.....	67
Lanivireo flavifrons.....	27
Lanius ludovicianus.....	200
Lapathon.....	51
Lapathum.....	51
Lapeyrouse.....	36
Larix.....	45, 284
americana.....	284
Lark, Paririe Horned.....	54
Lastraea.....	277, 278, 280
Bootii.....	278
Clintoniana X spinulosa.....	277
crispata.....	278
Dryopteris.....	278
Goldieana.....	278
hexagonoptera.....	278
intermedia.....	278
marginalis.....	278
noveboracensis.....	278
spinulosa.....	278
var. intermedia.....	278
Thelypteris.....	278
Legousia Speculum Veneris.....	118
Lepadena.....	300
bicolor.....	300
leucoloma.....	300
marginata.....	300
Leptandra.....	305
Liatris intermedia.....	264
ligulistylis.....	91
Liliaceae.....	68, 272
Lilium.....	271, 272
Linnaeus.....	41
Linnaean, Trival Names, Some.....	97
Lomaria Spicant.....	275
Lonicera Periclymenum.....	120
Peri Clymenum and syn.....	107, 120
Loon.....	197, 264
Lychnis Flos cuculi and syn.....	108
Lycopodiaceae.....	273, 282
Lycopodium.....	282
apodum.....	282
complanatum.....	282

dendroideum.....	282
inundatum.....	282
obscurum.....	282
<i>Lysimachia Linum Stellatum</i> and syn.....	108
<i>Lysimachia Nummularia</i> .....	23
Lythraceae.....	68
Magnus, Albertus.....	72
Malus.....	272
Matteucia.....	275
<i>Struthiopteris</i> .....	275
<i>Marrubium Pseudo dictamnus</i> and syn.....	108
<i>Marsilia vestita</i> .....	23, 24
Martin, Purple.....	27, 168, 194, 263, 303
Massart.....	2, 3, 9
Meadia.....	271
<i>Megascops crinitus</i> .....	198
<i>Melanerpes erythrocephalus</i> .....	198
<i>Meibomia grandiflora Chandonnetii</i> .....	128
<i>Melilotus indica</i> .....	117
<i>italica</i> .....	117
<i>officinalis</i> .....	117
<i>Melilotus indica</i> .....	116, 118
<i>italica</i> .....	116, 118
<i>officinalis</i> .....	116, 118
<i>ornithopodioides</i> .....	118
<i>Melospiza cinerea melodia</i> .....	196
<i>Mespilus Chamae Mespilus</i> and syn.....	108
Milos.....	286
<i>Mimosa Unguis cati</i> and syn.....	108
<i>Molothrus ater</i> .....	96
Mollis.....	178, 179
Monocotyledoneae.....	42
Monocotyledones.....	43
Monotropaceae.....	68
Mueller, Ferdinand.....	39
Mushrooms.....	30
Mussaenda.....	259, 260
<i>frondoso</i> .....	120
<i>fructu frondoso</i> and syn.....	108, 118, 120, 271
<i>Myiarchus crinitus</i> .....	198
<i>Myochanes virens</i> .....	95
<i>Myrica cerata</i> .....	48
<i>cerifera</i> .....	48
<i>Narcissus Pseudo Narcissus</i> and syn.....	109
<i>Negundium</i> .....	131, 135
<i>fraxinifolium</i> .....	129, 132, 136
<i>Negundo</i> .....	129, 130, 131, 132, 135, 142
<i>aceroides</i> .....	136
<i>califo nicum</i> .....	139

cissifolium.....	141
fraxineum.....	136
Fraxinus.....	134, 139
lobatum.....	136
mexicanum.....	140
Negundo.....	136
trifoliatum.....	136
virginianum.....	136
Nephrodium punctilobulum.....	276
Nighthawk.....	168, 197, 305
Noli me tangere.....	98
Nomenclature, Binomial.....	97
Nomenclature, Botanical.....	97
Nomenclature, A Question of.....	258
Nomen nudum.....	134
Nuthatch, White-Breasted.....	25, 26, 55, 56, 149, 150, 196, 261, 262
Nuthatch, Red-Breasted.....	304
Nuttall.....	39
Nyctanthes arbor tristis and syn.....	109
Obesa.....	192
Obliquaria (Rotundaria) tuberculata.....	190
Obliquaria (Ellipsaria) tuberculata.....	190
Observations and Criticism, Botanical Leaflets of.....	4
Odostemon Aquifolium.....	23
nervosum.....	23
Oenotheraceae.....	68
Owl, Screech.....	25, 150, 198, 261, 262
Oleaceae.....	68
Oligoneuron bombycinum.....	59
Oligoneuron rigidum.....	59
Onagraceae.....	68
Onoclea.....	275
sensibilis.....	275
Struthiopteris.....	276
Ophioglossaceae.....	273
Ophrys Nidus avis and syn.....	109
Opuntia humifusa.....	164
Opuntiaceae.....	68
Opuntiateae.....	68
Orchideae.....	272
Orchis.....	272
Oriole, Baltimore.....	69, 168, 193, 263, 304
Oriole, Orchard.....	95, 168, 263, 304
Osmunda.....	274, 276
Osmundaceae.....	274
Osmunda cinnamomea.....	275
claytoniana.....	275
interrupta.....	275
regalis.....	274
ternata.....	274

Oxalis Pes caprae and syn.....	109
Oxycoccus.....	165
macrocarpus.....	284
Panica.....	62
Panicum.....	60, 61, 62, 63, 64
aliud Indicum.....	62
amarum.....	64
agustifolium.....	64
brevifolium.....	65
capillare.....	64
var. flexile.....	65
clandestinum.....	64
Crusgalli.....	120
Crus-galli.....	99, 120
and syn.....	109
dichotomum.....	64
flexile.....	65
glaucum.....	64
indicum.....	61
italicum.....	60, 61, 62, 63
latifolium.....	65
Occidentale.....	64
patens.....	65
proliferum.....	64
pubescens.....	64
sativum.....	61
Type of Genus.....	60
verticillatum.....	64
violaceum.....	64
viride.....	63
virgatum.....	64
Parlatore.....	43, 283
Passerina cyanea.....	69
Pecten.....	98
Veneris.....	98
Pedicularis Sceptrum Carolinum and syn.....	109
Pelecypoda.....	65
Penthestes atricapillus.....	96
Penzig, Professor Otto.....	39
Pewee, Wood.....	95, 168, 263, 304
Persicaria.....	7, 10, 11, 16, 23, 216
Persicaria abscissa.....	1, 15, 243
ammophila.....	208, 211, 212, 214, 217, 228, 229,
236, 237, 238, 239, 242, 243, 245, 246	
amphibia.....	1, 3, 4, 5, 8, 9, 13, 14, 18, 205, 206,
207, 208, 209, 210, 214, 216, 217, 220, 247	
amphibious.....	1, 201
amurensis.....	183
asclepiadea.....	217, 241
canadensis.....	216, 217, 237, 238, 239, 240, 243, 244





virginiana.....	95
vulgatissima.....	47
Pipilo erythrophthalmus.....	195
Plant, Pitcher.....	165
Plantes D'Europe et Etrangers, Ou Elemens de Botanique Pratique,	
Historie des.....	6
Plant Names, Notes on Priority of.....	68
Plants; Local, Notes.....	164, 267
New, from Minnesota.....	127, 159
North Dakota.....	57, 90, 122, 142, 153, 185, 287
Various Places.....	178
Planesticus migratorius.....	196
Pleuradena.....	299
Pliny.....	46
Poinsettia.....	298, 299
Polygalaceae.....	68
Polygonaceae.....	68
Polygonum.....	1, 11, 216
amphibium.....	2, 4, 5, 6, 8, 9, 10, 11, 14, 16, 201, 203, 209,
205, 208, 209, 210, 211, 214, 215, 224, 235	
L'Accomodation Individulle Chez.....	2
coccineum.....	234
var. $\beta$ emersum.....	20
var. terrestre.....	3
Hartwrightii.....	3, 207, 209
amurensis.....	184
carictorum.....	229, 230, 234, 245
coccineum.....	20, 218
emersum.....	20, 201, 203, 205, 208, 209, 215, 218, 234
fluitans.....	5, 15, 211, 214, 244
Muhlenbergii.....	20, 201, 203, 205
Polygonum pennsylvanicum.....	224
punctatum.....	13
Polycnemum.....	51
Polypodiaceae.....	275
Polypodium.....	280
Polypodium.....	280
Filix foemina and syn.....	110
fragile and syn.....	110
fragile.....	276
mas and syn.....	110, 120
vulgare.....	280
Polystichum.....	277
acrostichoides.....	277
Pomaceae.....	272
Pomiferae.....	272
Pondweed, Narrow-leaved.....	8
Poplar.....	30, 31
Populus alba.....	29, 30, 31
aurea.....	35

<i>australis</i> .....	30
<i>canescens</i> .....	31, 33
<i>grandidentata</i> .....	33, 34
<i>libyca</i> .....	29, 30
<i>nigra</i> .....	30
Plinius, Notes on .....	29
<i>tremula</i> .....	29, 30, 31, 32, 33, 34
var. <i>serrulata</i> .....	31
<i>tremuloides</i> .....	32, 33, 34, 35
<i>β davisiana</i> .....	35
<i>tremuliformis</i> .....	34
<i>trepida</i> .....	33, 34
<i>villosa</i> .....	31
Portulacineae .....	68
Potamocallis .....	14, 216
Potamogeton .....	8, 9, 14
<i>angustifolium</i> .....	14
<i>salicis folio</i> .....	10, 11, 14
Prantl, Engler, etc. ....	39
Proecetes gramineus .....	196
Prunus Lauro Cerasus and syn .....	110, 120
Lauro-Cerasus .....	120
Prunella vulgaris .....	266
Pseudoraphis glauca .....	64
Ptelea .....	270
<i>glauca</i> .....	182
<i>meschora</i> .....	180
var. <i>mucronata</i> .....	180
<i>mollis</i> .....	178
<i>cryptoneura</i> .....	178
plants .....	180
<i>trifoliata</i> .....	178, 179, 180
var. <i>deamiana</i> .....	179
var. <i>mollis</i> .....	178
Pteridium .....	280
<i>aquilinum</i> .....	280
Pteridophyta, Subkingdom .....	273
Pterinodes .....	275
Pteris .....	270
<i>aquilina</i> .....	277, 280
Pterium majus .....	280
Pulicaria .....	14, 216
Quadrula .....	190, 191, 192, 265
<i>apiculata</i> .....	189
<i>obesa</i> .....	189, 190
Parkeri .....	188, 189, 192
Parkeri, Geiser, A Synonym .....	265
<i>pustulata</i> .....	191, 192
<i>tuberculata</i> .....	189, 190, 192
<i>Tritogonia</i> .....	265

	verrucosa .....	189, 190, 192
Quercus	.....	49, 270
	coccifera .....	50
	Ilex .....	50
	latifolia.....	50
	pedunculata .....	50
	Robur.....	188, 189, 192
	sessiliflora.....	50
	Suber.....	50
	vulgaris.....	50
Quiscalus	purpurea.....	199
Ray, John	.....	43
Radicula	Nasturtium aquaticum .....	118
Rafinesque, Biography of, New	.....	150, 151, 152
Redstart.....	28, 168, 263, 304	
Rhamnaceae.....	68	
Rhamnus	Spina Christi and syn .....	110
Rhinanthus	Christa galli and syn. ....	111
Rhus	radicans .....	186
Rhus	Toxicodendron.....	188
Ribes	Uva crispa and syn .....	111
Robin.....	54, 55, 167, 168, 193, 196, 260, 261, 262, 264, 303	
Robinia	Pseudo Acacia and syn.....	111, 120
Rosa.....	271, 272	
Rosaceae	.....	271, 272
Roas	blanda .....	155
	deserta.....	156
	dulcissima.....	287
	gratiosa .....	154
	heliophila .....	154
	foliosissima .....	157
	subnuda.....	153, 155
	terrens.....	155
Rotundaria .....	190	
Rovillea.....	51	
Rudbeckia	flava perbracteata.....	157
Rues, Western Meadow	.....	290
Rulac.....	131, 135, 140, 141	
Rulac	californica.....	132, 133, 139
	californica var. texana.....	139
	interior .....	134, 138, 139
	Kingii .....	139
	mexicana.....	132, 140
	Negundo.....	132, 134, 136, 137, 139
	latifolia .....	137
	Nuttallii.....	134, 135, 137, 138, 139
	texana.....	132, 133, 139
Rulak .....	131	
Rumex .....	51	
Saccardo.....	39	

Salicariaceae.....	68
Salix .....	265
Salvia aurea.....	120
Africana.....	98, 120
coerulea.....	98
coerulea and syn.....	111, 118, 120
lutea and syn.....	111, 118, 120
Salviniaceae.....	281
Sandpiper, Spotted.....	56, 168, 197, 263, 304
Santolina Chamae Cyparissus and syn.....	111
Sapsucker, Yellow-bellied.....	56, 168, 200, 263, 304
Sarracenia.....	284
Saxifragaceae.....	68
Sayornis Phoebe .....	198
Scandix.....	98
Pecten.....	98
Veneris .....	98, 112, 118
Scilla Lilia Hyacinthus and syn.....	112
Schmaltzia arenaria .....	164
Selaginellaceae .....	275, 282
Selaginella.....	282
apous.....	282
rupestris.....	282
Senecio mutabilis.....	125
oblanceolatus.....	125
Pseudo China and syn .....	112
suavis .....	125
tridenticulatus.....	125
Serapias.....	60
grandiflora .....	60
Serratula.....	302
arvensis .....	302
chamae Peuce and syn.....	112
Setaria.....	60, 62, 63
glauca .....	63
italica .....	63
verticillata .....	64
viridis .....	63
Setophaga ruticilla .....	28
Sex-determination and Its Practical Application, Law of .....	70
Showy Lady's Slipper.....	165
Shrike, Loggerhead.....	55, 168, 200, 263, 303
Northern.....	25
Sialia Sialis.....	69
Silene conica in Michigan.....	264
Sisymbrium Nasturtium aquaticum and syn.....	112
Sitta carolinensi .....	196
Smartweeds .....	201
Similax bona nox and syn.....	112
Pseudo China and syn.....	113

Snowbird.....	25, 26, 54, 56, 149, 150, 167, 168, 200, 261, 262, 263, 304
Snowflake.....	25, 149, 150, 261, 262
Solanum Pseudo Capsicum and syn	113, 120
Pseudocapsicum.....	120
Solidago.....	57
canadensis L.....	58, 146
concinna.....	145
dumetorum.....	146
elongata.....	57, 146
gilvocanescens.....	58
glaberrima.....	145
montana.....	146
inornata.....	145
missouriensis.....	145
montana.....	146
perornata.....	146
Pitcheri.....	57, 146
procera.....	58
satanica.....	58
serotina.....	58
scabriuscula.....	58
Sparrow, Chipping.....	55, 56, 168, 196, 263, 304
Field.....	55, 56, 96, 168, 263, 303
Song.....	54, 55, 96, 167, 168, 193, 196, 263, 303
Tree.....	25, 26, 28, 55, 149, 150, 261, 262, 304
White-throated.....	28, 56, 168, 263, 304
Vesper.....	55, 56, 96, 167, 168, 196, 263, 303, 304
Species, Ecological Aspect of the Conception of	2, 4
Plantarum.....	10, 62, 97, 121, 130
Spermatophyta.....	283
Sphyrapicus varius.....	200
Spiza americana.....	199
Spizella monticola.....	28
pusilla.....	96
socialis.....	196
Sporobolus cryptandrus vaginatus.....	123
Steironema pumilum longipedicellatum.....	157
Stellaria.....	51
aquatica.....	51
Stellina.....	51
Strobilus.....	283
Strobilus.....	283
weymouthiana.....	283
Strutiofera.....	275
Struthiopteris.....	275
Cordi.....	275
var $\gamma$ .....	276
germanica.....	275
Strychnos Nux vomica and syn.....	113

Sundew.....	165
Swallow, Barn.....	56, 168, 194, 200, 263,, 304
Swift, Chimney.....	168, 197, 263, 304
Tamarack-Arbor-vitae swamp.....	164
Tanager, Scarlet.....	166, 168, 263, 304
Taxaceae.....	286
Taxideae.....	286
Taxus.....	48, 49, 286...
Taxus.....	48, 49, 286
baccata.....	48
baccata var. minor.....	286
baccifera.....	48, 49
canadensis.....	287
lugubris.....	49
minor.....	286
Telegyny, Theories of.....	70
Teratological Notes.....	65
Tergiferae.....	273
Thalictrum.....	290
albens.....	292
amabile.....	294, 295
corynellum.....	295
dasycarpum.....	293, 295
diocum.....	290
Moseleyi.....	294, 295
Nortoni.....	292
perpensum.....	295, 296
polygamum.....	290, 293, 295, 296
purpurascens.....	290, 292, 293, 294, 295, 296
Sandbergii.....	293
Thalictrum thyrsoides silvanum.....	157
wightianum.....	293
Thelypteris acrostichoides.....	277
cristata.....	278
spinulosa var. intermedia.....	278
Theophrastus.....	43, 45, 46
Thelypteris.....	258, 277, 280
Thlaspi Bursa pastoris and syn.....	113
Thrasher, Brown.....	56, 69, 168, 193, 263, 304
Thrush, Hermit.....	56, 168, 195, 263, 304
Thuja.....	284
occidentalis.....	284
Theophrasti.....	284
Thuya.....	284
Thuja-Larix swamps.....	164
Tithymalus.....	51, 298
Tithymalopsis and Dichrophyllum, Synonyms.....	298
Tithymalopsis.....	298, 299
apocynifolia.....	300
arundelana.....	305

corollata .....	299
Curtisii .....	300
discoidalis .....	300
erigonoides .....	299
exserta .....	300
gracilis .....	299
Ipecacuanhae .....	300
Joorii .....	300
mercurialina .....	299
olivacea .....	300
paniculata .....	300
polyphylla .....	299
zinniflora .....	300
Titmouse, Tufted .....	54, 56, 96
Torrey .....	39
Tovara virginiana .....	182, 183
var. kachina .....	182
Towhee .....	56, 168, 193, 195, 263, 304
Toxicodendron desertorum .....	185
fothergilloides .....	186
vulgare Mill. ....	186
Toxostoma rufum .....	69
bracteata .....	124
occidentalis .....	124
ramifera .....	124
Tradescantia reflexa .....	266
ramifera Chandonetii .....	159
virginica .....	266
Trichomanes .....	279, 280
acrostichoides .....	279
ebeneum .....	279
Trifolium Melilotus caerulea and syn .....	113, 118
corniculata and syn .....	113, 118, 120
cretica and syn .....	114, 118
indica and syn .....	114, 116
italica and syn .....	114, 116
officinalis and syn .....	114, 116
ornithopodioides and syn .....	114, 118
parviflorum .....	117
tauricum .....	117
Trigonella corniculata .....	120
Foenum graecum and syn .....	115
Tritogonia .....	189, 190, 192, 265
tuberculata .....	189, 191, 192, 265
Muddle .....	188
obesa .....	191, 192
verrucosa .....	189, 190
Troglodytes aedon .....	166
Turpentine, Venetian, Methods, Modifications in .....	250, 253
Typha angustifolia .....	161

- Ulmus.....270  
 Unio gigas .....189, 191, 192  
     pustulat(a).....189, 191, 192  
     pustulatus.....191  
     tuberculatus.....188, 189, 191  
     verrucosus.....189, 190, 191  
 Unionidae.....65, 67  
 Urinator imber.....197  
 Uva ursi.....120, 121  
 Uva ursi Uva Ursi.....121  
 Vaccinium Vitis idaea and syn .....115, 120  
 Vallaris ipecacuanha.....300  
 Vella Pseudo Cytissus and syn .....115  
 Verbesina Pseudo Acmeila and syn.....115  
 Veronica Anagallis aquatica and syn.....98, 115, 118  
 Veronica Anagallis.....98, 99  
 Veronica virginica .....305  
 Violets.....7  
 Vireosylvia gilva.....27  
 Vireosulvia olivadea.....27  
 Vireo, Red-eyed.....27, 168, 263, 305  
     Warbling.....27, 168, 194, 263, 304  
     Yellow-throated.....27, 168, 263, 305  
 Virgil.....68  
 Vitex Agnus castus and syn.....116  
 Vitex Negundo.....129, 130, 132, 135  
 Vitis-Idaea.....116  
     idaea.....120, 121  
     idaea Vitis idaea.....116, 121  
 Vitis-Idaea Vitis-Idaea.....116  
 Wafer, Ash.....178  
 Warbler, Myrtle.....168, 200, 263, 304  
     Yellow.....28, 96, 168, 263, 304  
 Water Smart Weed, European.....6  
 Whip-poor-will.....168, 197, 305  
 Woodpecker, Hairy.....25, 55, 262  
     Downy.....25, 26, 55, 56, 149, 150, 200, 261, 262, 304  
     Red-headed.....56, 168, 198, 263, 304  
 Wren, House.....56, 166, 168, 263, 304  
 Wolfia.....306  
 Wolfia.....306  
 Wolfia columbiana.....306  
 Wolfia punctata.....306  
 Woodwardia.....278  
     virginica .....218  
 Wulfia.....306  
 Yellow-throat, Maryland.....28, 96, 168, 263, 303  
 Zamelodia ludoviciana.....27  
 Zanthoxylum Clava herculis and syn.....116  
 Zenaidura macrura.....156  
 Zonotrichia albicollis.....28



70  
92  
92  
91  
91  
91  
67  
97  
21  
21  
20  
00  
15  
15  
18  
99  
95  
7  
27  
27  
95  
04  
95  
58  
16  
35  
16  
21  
21  
16  
78  
04  
04  
6  
05  
62  
04  
04  
04  
06  
06  
06  
06  
78  
18  
06  
03  
27  
16  
56  
28